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ELMCO CHEMICAL COMPANY  
P.O. BOX 1204  
BANTON, NY 17822

**NOTICE OF ALLOWANCE  
AND ISSUE FEE DUE**

☐ Note attached communication from the Examiner

☐ This notice is issued in view of applicant's communication filed \_\_\_\_\_

SERIES CODE/SERIAL NO.	FILING DATE	TOTAL CLAIMS	EXAMINER AND GROUP ART UNIT	DATE MAILED
First Name/Last Name Applicant	07/01/82	14	101-0	01/17/83

TITLE OF INVENTION: CANON, JO ANN M.

ALBEN POLYMERIZATION CATALYSTS

ATTY'S DOCKET NO.	CLASS-SUBCLASS	BATCH NO.	APPLN. TYPE	SMALL ENTITY	FEE DUE	DATE DUE
898010-D-1	336-011.000	W48	UTILITY	NO	\$1130.00	04/17/82

**THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT.  
PROSECUTION ON THE MERITS IS CLOSED.**

**THE ISSUE FEE MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS  
APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED.**

**HOW TO RESPOND TO THIS NOTICE:**

I. Review the SMALL ENTITY Status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the Status is changed, pay twice the amount of the FEE DUE shown above and notify the Patent and Trademark Office of the change in status, or
- B. If the Status is the same, pay the FEE DUE shown above.

If the SMALL ENTITY is shown as NO:

- A. Pay FEE DUE shown above, or
- B. File verified statement of Small Entity Status before, or with, payment of 1/2 the FEE DUE shown above.

II. Part B of this notice should be completed and returned to the Patent and Trademark Office (PTO) with your ISSUE FEE. Even if the ISSUE FEE has already been paid by a charge to deposit account, Part B should be completed and returned. If you are charging the ISSUE FEE to your deposit account, Part C of this notice should also be completed and returned.

III. All communications regarding this application must give series code (or filing date), serial number and batch number. Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

**IMPORTANT REMINDER: Patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees.**



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Washington, D.C. 20231

07/728,428 07/11/91 CANICH

J 89B010-D-1

SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
		WU, D	

EXXON CHEMICAL COMPANY

P.O. BOX 5200  
BAYTOWN, TX 77522

EXAMINER	
1505	
ART UNIT	PAPER NUMBER
	01/17/92 6

DATE MAILED:

### NOTICE OF ALLOWABILITY

#### PART I.

- ☒ This communication is responsive to 7-11-91 and 1-8-92
- ☒ All the claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice Of Allowance And Issue Fee Due or other appropriate communication will be sent in due course.
- ☒ The allowed claims are 2, 4-6, and 25-26
- ☐ The drawings filed on \_\_\_\_\_ are acceptable.
- ☐ Acknowledgment is made of the claim for priority under 35 U.S.C. 119. The certified copy has ☐ been received. ☐ not been received. ☐ been filed in parent application Serial No. \_\_\_\_\_, filed on \_\_\_\_\_
- ☒ Note the attached Examiner's Amendment. /
- ☒ Note the attached Examiner Interview Summary Record, PTOL-413. /
- ☒ Note the attached Examiner's Statement of Reasons for Allowance. /
- ☒ Note the attached NOTICE OF REFERENCES CITED, PTO-892. /
- ☐ Note the attached INFORMATION DISCLOSURE CITATION, PTO-1449.

#### PART II.

A SHORTENED STATUTORY PERIOD FOR RESPONSE to comply with the requirements noted below is set to EXPIRE THREE MONTHS FROM THE "DATE MAILED" indicated on this form. Failure to timely comply will result in the ABANDONMENT of this application. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

- ☐ Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION, PTO-152, which discloses that the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.
- ☐ APPLICANT MUST MAKE THE DRAWING CHANGES INDICATED BELOW IN THE MANNER SET FORTH ON THE REVERSE SIDE OF THIS PAPER.
  - ☐ Drawing informalities are indicated on the NOTICE RE PATENT DRAWINGS, PTO-948, attached hereto or to Paper No. \_\_\_\_\_. CORRECTION IS REQUIRED.
  - ☐ The proposed drawing correction filed on \_\_\_\_\_ has been approved by the examiner. CORRECTION IS REQUIRED.
  - ☐ Approved drawing corrections are described by the examiner in the attached EXAMINER'S AMENDMENT. CORRECTION IS REQUIRED.
  - ☐ Formal drawings are now REQUIRED.

Any response to this letter should include in the upper right hand corner, the following information from the NOTICE OF ALLOWANCE AND ISSUE FEE DUE: ISSUE BATCH NUMBER, DATE OF THE NOTICE OF ALLOWANCE, AND SERIAL NUMBER.

#### Attachments:

- Examiner's Amendment
- Examiner Interview Summary Record, PTOL-413
- Reasons for Allowance
- Notice of References Cited, PTO-892
- Information Disclosure Citation, PTO-1449
- Notice of Informal Application, PTO-152
- Notice re Patent Drawings, PTO-948
- Listing of Bonded Draftsmen
- Other

Serial No. 07/728,428

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Art Unit 1505

EXAMINER'S STATEMENT OF REASONS FOR ALLOWANCE

The following is an Examiner's Statement of Reasons for Allowance: Miya et al disclose a transitional-metal compound having a bis-substituted-cyclopentadienyl ligand of bridged structure instead of having a mono-cyclopentadienyl ligand and a heteroatom ligand as claimed (see column 2, lines 7-27). Stevens et al, albeit is not a prior art, disclose a monycyclopentadienyl metal complex compound containing a noncoordinating, compatible anion of a Bronsted acid salt rather than a Lewis base as claimed (see column 3, lines 28-56). Through the text search as well as the computer structure search, no basis for such an unique metallocene compound was found in any way similar to the present invention. The unexpected result of obtaining an olefin polymer with a high molecular weight and a relative narrow molecular weight distribution by using this compound as a catalyst avoid any prima facie case of obviousness. Therefore, claims 2, 4-6, and 25-26 are allowable over Miya et al.

Any comments considered necessary by applicant must be submitted no later than the payment of the Issue Fee and, to avoid processing delays, should preferably accompany the Issue Fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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Art Unit 1505

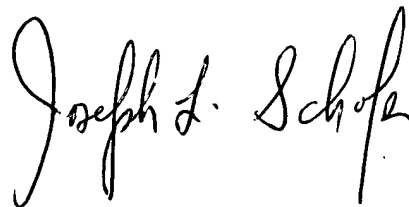
EXAMINER'S AMENDMENT

Examiner's amendment as authorized by applicant's attorney,  
Mr. Evan Butts, on January 8, 1992.

Cancel claims 1, 3, and 14-24.

In claims 2, 5, and 6, line 1, delete "claim 1" and  
substitute ---claim 25---thereof.

In claim 6, line 3, between "amide" and "arylamide",  
---,--- was inserted.



JOSEPH L. SCHOFER  
SUPERVISORY PATENT EXAMINER  
ART UNIT 155

*sw*

David Wu:tbs  
(703) 308-2351  
January 10, 1992